



THE DEVELOPMENT OF MSFC USABILITY LAB



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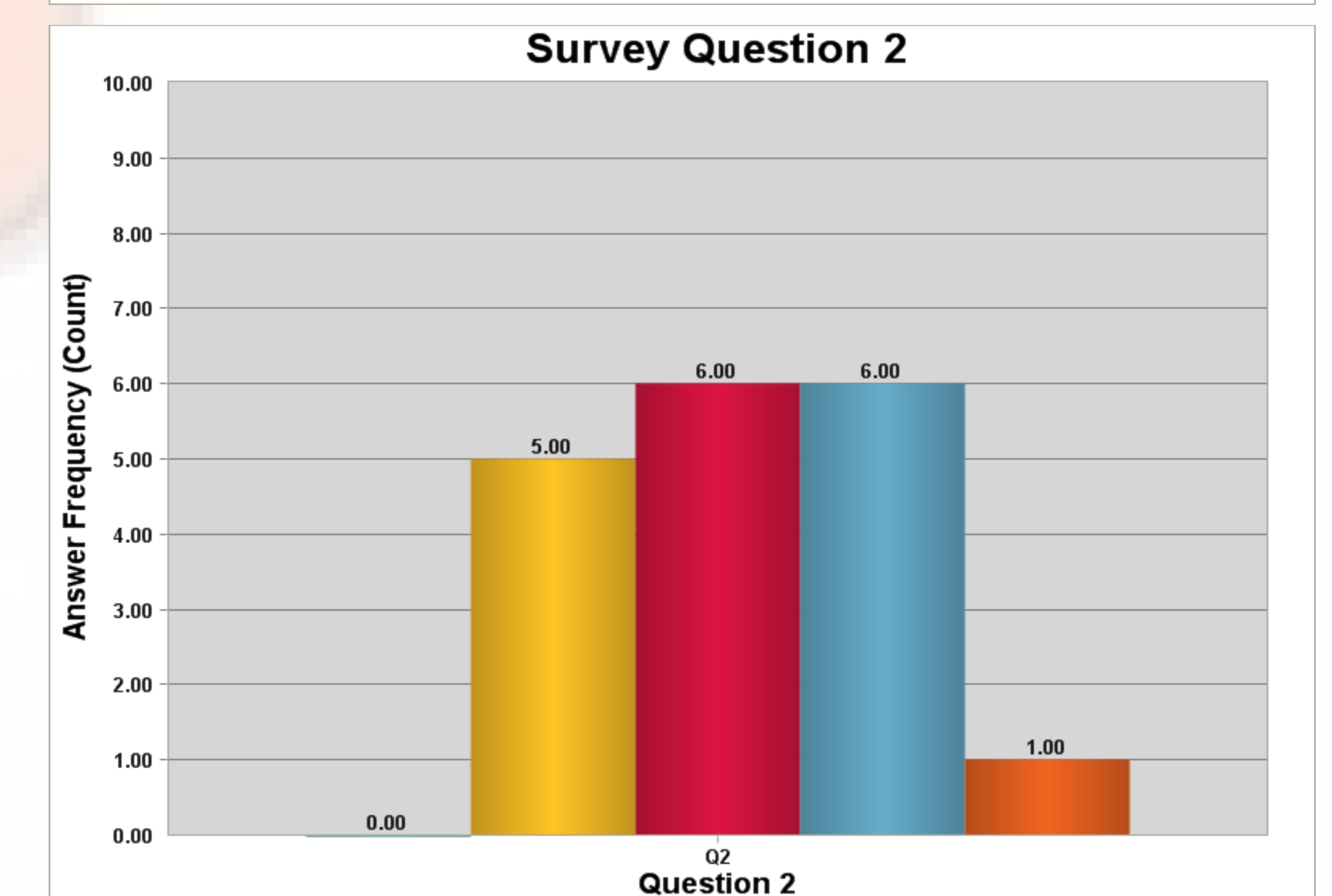
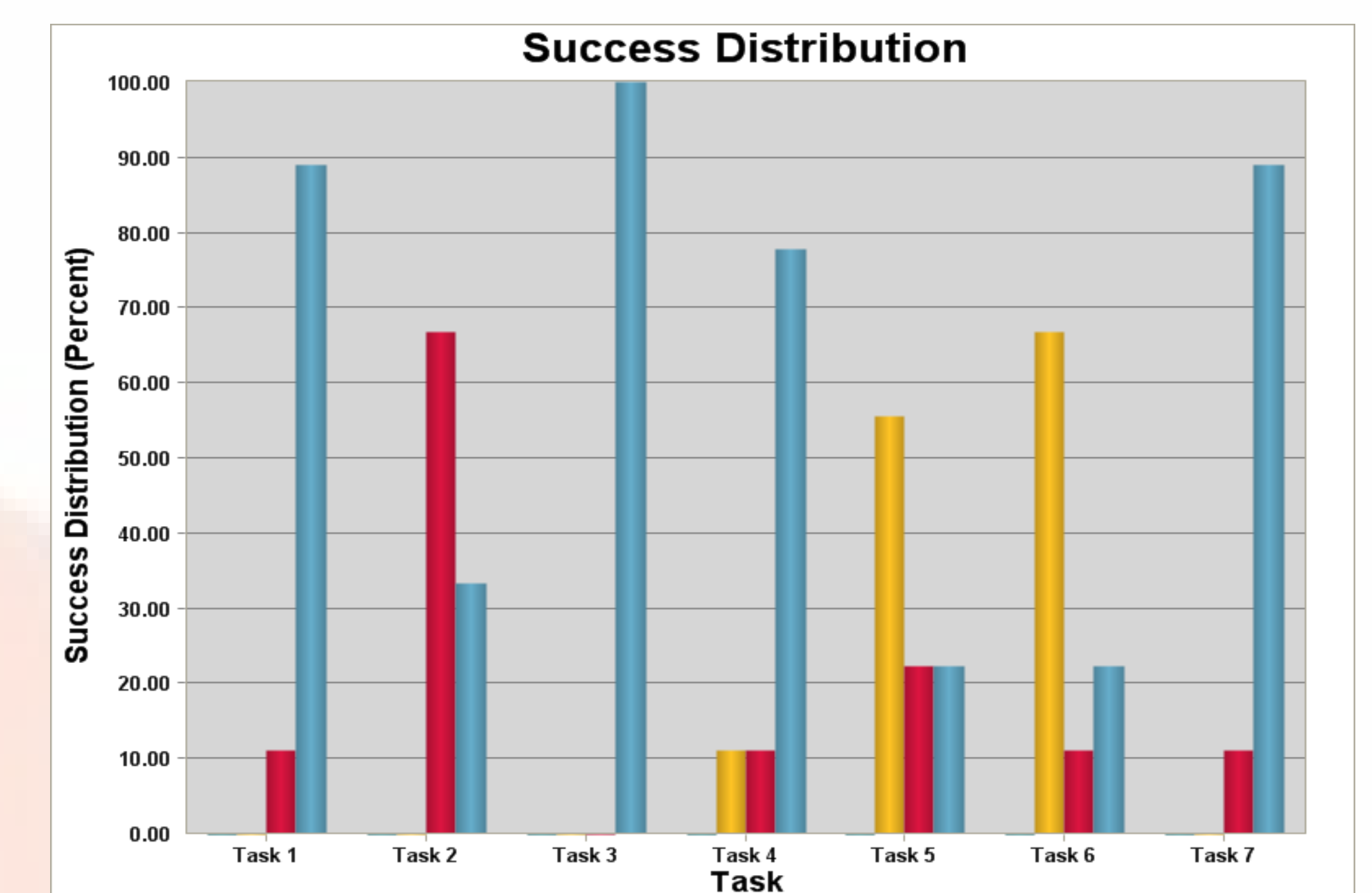
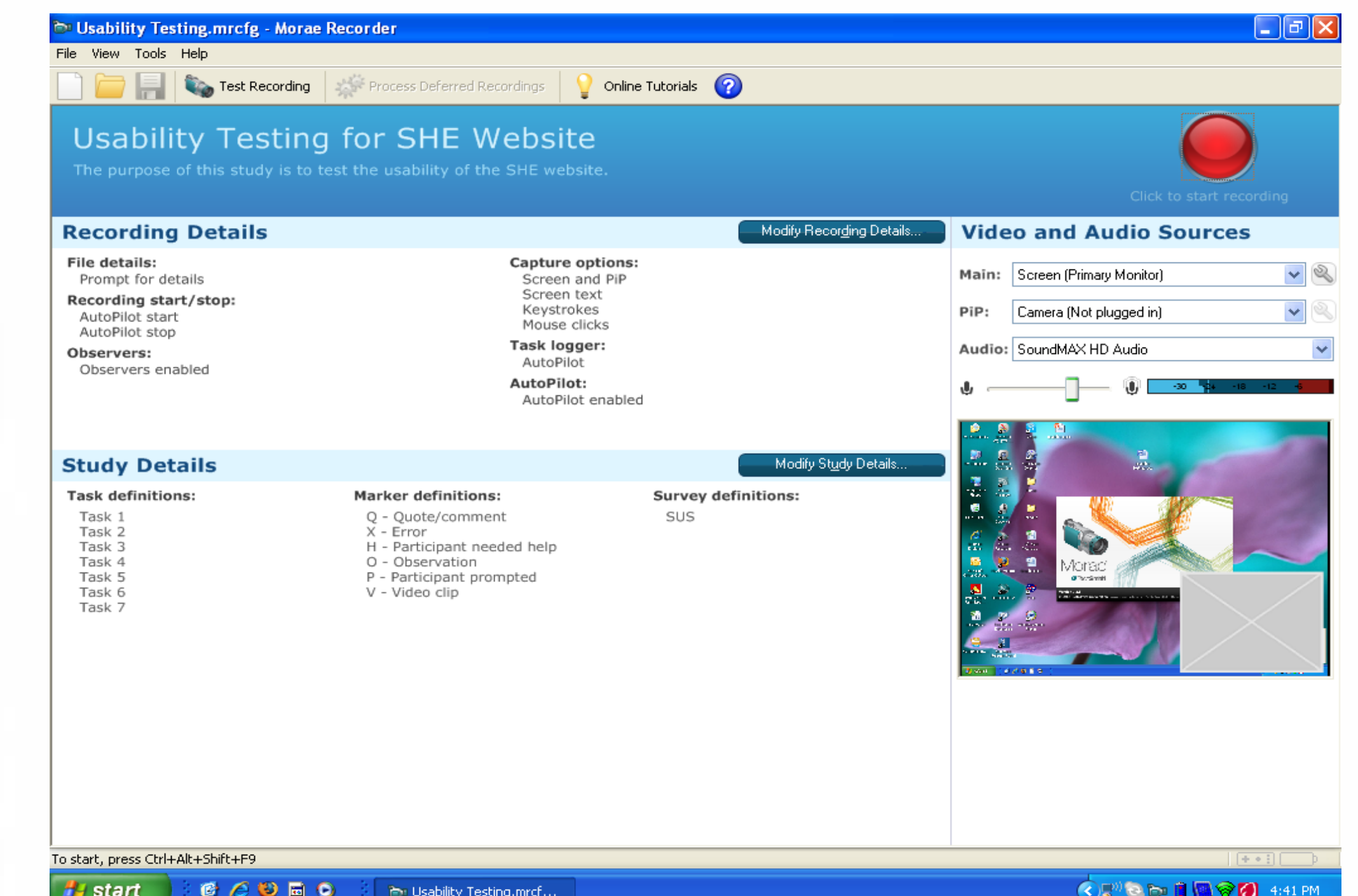
Purpose

- Integrate a fully functioning usability laboratory to provide a resource for future human factor assessments
- Implement preliminary usability testing on a MSFC website to validate the functionality of the usability lab

Procedure

- Coordinate the layout of the usability laboratory
 - Develop the timeline for the preliminary usability testing and schedule participants for the tests
 - Install and program Morae usability software to combine webcam and microphone to record the subjects' real-time actions and comments
 - Research and create tasks and survey questions for testing
 - Analyze overall design and procedure to develop lessons learned for future usability testing
- ## Usability Test Recommendations: Don't Make Me Think
- Eliminate unnecessary thinking for how to use the website. Ex: Are the main headings clickable? What information do the links contain?
 - Use self-explanatory tabs and links
 - Consolidate similar information
 - Schedule regular maintenance on website to identify problems, such as broken links
 - Add a search bar on main page to quickly find topics
 - Consider recommendations for improvements from the subjects

Test Results



Sample Survey Question:
How easy is it for you to navigate the website for information?